

**2008 Daily Values**

**OHIO RIVER AT CAIRO, IL (OHCA/OH 2)**

**Location:** LAT. 37-00-00, LONG. 89-09-45. NEAR FOURTH STREET AT MILE 1.5 UPSTREAM FROM CAIRO POINT, AND AT RIVER MILE 2.0 UPSTREAM FROM MOUTH. THE MOUTH OF OHIO RIVER IS 953.8 MILES UPSTREAM FROM HEAD OF PASSES, LA.

**Gage:** G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM IN CONCRETE WELL HOUSE. OWNED, OPERATED AND MAINTAINED BY MEMPHIS DISTRICT, CORPS OF ENGINEERS. NOTE: READINGS PUBLISHED BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS ARE PRELIMINARY. OFFICAL READINGS SHOULD BE OBTAINED FROM THE MEMPHIS DISTRICT, CORPS OF ENGINEERS.

**General Information:** FLOOD STAGE 40 FT. BANKFULL STAGE 44 FT. DRAINAGE AREA, OH RIVER, 203,940 SQUARE MILES, UPPER MISS. RIVER, 713,400 SQUARE MILES. THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN, NO LONGER INCLUDED. AVG LOW WATER PLANE, 8.9 FT ON GAGE. OH RIVER GAGE MILEAGES IN THIS REPORT REFER TO MOUTH OF OH RIVER. OTHER REPORTS MAY REFER TO CAIRO POINT WHICH IS 0.5 MILE UPSTREAM FROM MOUTH.

**Records Available:** STAGE, 1858 TO 1861; 1864 TO 1868, OCT. 1871 TO DATE. STAGES ALSO PUBLISHED BY THE NATIONAL WEATHER SERVICE. DISCHARGE, 1857, 1858, AND 1891.

**Mean Stage:** PERIOD OF RECORD, 24.12 FT .

**Extreme Stage:** PERIOD OF RECORD, DAILY HIGH OF 59.50 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 04 FEB 1937 & PERIOD OF RECORD, DAILY LOW OF -0.80 FT ON 24 DEC 1871 .

**Zero Gage Datum:** 270.47 ft NGVD 29 NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

|   | Month |       |       |       |       |       |       |       |       |       |       |         |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Day   | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec     |
| 1   | 26.50 | 19.66 | 31.53 | 50.94 | 34.50 | 33.52 | 38.63 | 29.84 | 12.39 | 18.00 | 17.17 | 12.92   |
| 2   | 25.55 | 20.99 | 30.72 | 50.80 | 34.26 | 32.22 | 39.19 | 30.31 | 12.51 | 17.86 | 16.69 | 12.34   |
| 3   | 25.28 | 22.93 | 30.33 | 50.73 | 35.17 | 31.22 | 39.47 | 30.56 | 12.12 | 18.20 | 15.79 | 11.41   |
| 4   | 24.60 | 24.63 | 31.96 | 51.63 | 36.11 | 30.79 | 39.58 | 30.71 | 11.97 | 17.55 | 14.90 | 11.30   |
| 5   | 23.33 | 26.84 | 34.72 | 52.07 | 37.49 | 31.85 | 39.60 | 30.80 | 11.79 | 17.09 | 13.71 | 11.86   |
| 6   | 22.03 | 29.63 | 37.86 | 51.98 | 38.42 | 33.49 | 39.47 | 30.12 | 12.51 | 16.85 | 13.11 | 11.53   |
| 7   | 21.00 | 33.52 | 40.79 | 52.01 | 37.77 | 35.16 | 38.95 | 28.58 | 16.30 | 15.80 | 13.05 | 11.57   |
| 8   | 20.27 | 36.37 | 42.63 | 51.97 | 36.70 | 36.96 | 38.95 | 26.78 | 19.51 | 15.39 | 12.17 | 10.45   |
| 9   | 20.75 | 38.66 | 43.76 | 51.79 | 35.92 | 38.52 | 38.68 | 24.31 | 19.03 | 14.89 | 11.69 | 10.59   |
| 10  | 22.58 | 39.89 | 44.40 | 51.65 | 35.67 | 39.97 | 37.81 | 22.47 | 17.97 | 14.59 | 11.56 | 11.73   |
| 11  | 25.88 | 40.54 | 44.30 | 51.88 | 35.68 | 40.88 | 36.20 | 20.77 | 16.25 | 15.09 | 12.61 | 14.86   |
| 12  | 29.18 | 40.82 | 43.92 | 52.22 | 36.80 | 41.41 | 35.36 | 20.46 | 14.70 | 14.86 | 14.02 | 16.41   |
| 13  | 31.52 | 41.08 | 43.81 | 52.51 | 38.69 | 40.81 | 35.04 | 19.59 | 14.14 | 14.70 | 14.51 | 20.39   |
| 14  | 33.21 | 40.99 | 43.75 | 52.71 | 40.23 | 40.05 | 34.46 | 17.86 | 13.88 | 14.00 | 14.02 | 22.96   |
| 15  | 34.59 | 41.04 | 43.75 | 52.76 | 41.29 | 39.99 | 32.92 | 17.29 | 15.61 | 13.56 | 13.00 | 24.94   |
| 16  | 34.97 | 41.28 | 43.79 | 52.50 | 41.90 | 40.42 | 31.38 | 16.31 | 22.14 | 12.83 | 13.49 | 27.18   |
| 17  | 34.67 | 41.55 | 43.93 | 51.81 | 42.09 | 40.91 | 30.50 | 15.47 | 26.45 | 12.41 | 13.55 | 28.63   |
| 18  | 34.53 | 42.00 | 44.23 | 50.87 | 42.43 | 41.17 | 29.76 | 15.60 | 28.74 | 12.26 | 13.96 | F 29.23 |
| 19  | 34.09 | 42.34 | 46.86 | 49.55 | 42.78 | 41.50 | 28.55 | 15.29 | 30.55 | 12.35 | 13.90 | 27.98   |
| 20  | 32.87 | 42.88 | 49.45 | 47.93 | 43.01 | 41.42 | 27.69 | 13.97 | 32.26 | 12.44 | 13.79 | 26.26   |
| 21  | 30.66 | 43.16 | 50.95 | 45.85 | 42.97 | 41.36 | 27.08 | 13.95 | 33.00 | 12.48 | 13.71 | 25.82   |
| 22  | 27.72 | 42.77 | 52.00 | 43.01 | 42.62 | 41.21 | 26.08 | 13.52 | 32.95 | 13.05 | 13.97 | 26.41   |
| 23  | 25.69 | 41.56 | 52.87 | 40.71 | 41.93 | 40.74 | 24.03 | 13.32 | 32.33 | 13.64 | 13.25 | 27.30   |
| 24  | 24.08 | 40.02 | 53.45 | 39.22 | 41.08 | 39.94 | 24.54 | 12.98 | 30.62 | 13.05 | 12.74 | 27.36   |
| 25  | 22.58 | 38.39 | 53.83 | 38.26 | 40.17 | 39.03 | 24.98 | 13.29 | 27.95 | 12.10 | 12.46 | 28.14   |
| 26  | 20.74 | 36.27 | 53.78 | 37.60 | 39.31 | 38.43 | 25.01 | 12.91 | 24.93 | 12.18 | 12.28 | 28.96   |
| 27  | 19.10 | 34.90 | 53.47 | 37.00 | 38.81 | 38.05 | 25.08 | 11.93 | 22.24 | 12.40 | 11.95 | 30.18   |
| 28  | 17.74 | 33.74 | 52.99 | 36.18 | 38.00 | 37.81 | 25.46 | 12.95 | 20.52 | 14.12 | 12.36 | 31.69   |
| 29  | 17.69 | 32.52 | 52.50 | 35.43 | 36.56 | 37.76 | 26.31 | 12.82 | 19.23 | 16.29 | 13.16 | 33.28   |
| 30  | 17.33 | ----  | 51.90 | 35.07 | 35.82 | 38.27 | 27.67 | 12.17 | 18.34 | 17.91 | 13.32 | 36.02   |
| 31  | 17.31 | ----  | 51.26 | ----  | 34.54 | ----  | 28.63 | 12.04 | ----  | 18.07 | ----  | 38.30   |
| The following statistics are based on observations occuring in 2008 only. |       |       |       |       |       |       |       |       |       |       |       |         |
| Mean  | 25.74 | 36.24 | 45.02 | 47.29 | 38.67 | 38.16 | 32.16 | 19.32 | 20.76 | 14.71 | 13.53 | 22.19   |
| Max   | 34.97 | 43.16 | 53.83 | 52.76 | 43.01 | 41.50 | 39.60 | 30.80 | 33.00 | 18.20 | 17.17 | 38.30   |
| Min   | 17.31 | 19.66 | 30.33 | 35.07 | 34.26 | 30.79 | 24.03 | 11.93 | 11.79 | 12.10 | 11.56 | 10.45   |
| Day   | 31    | 29    | 31    | 30    | 31    | 30    | 31    | 31    | 30    | 31    | 30    | 31      |

The Mean STAGE for the Year was: 29.44  
The Highest STAGE for the Year was: 53.83 which occured on: 03-25-2008  
The Lowest STAGE for the Year was: 10.45 which occured on: 12-08-2008 The Total Number of Days for the Year was: 366

Note:  
F = Not at Stated Time

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